

of 3-(N-ethyl-p-toluidino)-6-methyl-7-anilino-fluoran as a leuco dye, and 4,4'-dihydroxydiphenyl-sulfone or 2,4'-dihydroxydiphenylsulfone as a developer, and states that this recording material has excellent recording sensitivity and undergoes less degree of background fogging in a high temperature environment at 100°C, and has an excellent storage stability of the recorded image (with less decrease in recording density with a lapse of time).--

Please replace the paragraph beginning at page 2, line 24,
with the following rewritten paragraph:

--Unexamined Japanese Patent Publication No. 1997-11620 discloses a heat-sensitive recording material which makes use of 3-(N-ethyl-p-toluidino)-6-methyl-7-anilino-fluoran as a leuco dye and 4-hydroxy-4'-isopropoxydiphenylsulfone as a developer, and states that the recording material has excellent recording sensitivity, entails less decrease in the recording density of the recorded image in a high temperature environment of 80°C, undergoes less degree of background fogging, and has excellent resistance of the recorded image to

humidity and water.--

Please replace the paragraph beginning at page 3, line 10,
with the following rewritten paragraph:

--Further, Unexamined Japanese Patent Publication
No.1999-291633 discloses a heat-sensitive recording material
that makes use of 3-(N-ethyl-p-toluidino)-6-methyl-7-
anilinofluoran or 3-(N-ethyl-p-toluidino)-6-methyl-7-(p-
toluidino)fluoran as a leuco dye and bis(3-allyl-4-
hydroxyphenyl)sulfone as a developer, and states that the
recording material is excellent in recording sensitivity, heat
resistance (in a high temperature environment of 80°C),
humidity resistance, plasticizer resistance, water resistance
and light resistance.--

Please replace the paragraph beginning at page 11, line 16,
with the following rewritten paragraph:

--Examples of the specific leuco dye include fluoran-
based leuco dyes which form black color, such as
3-pyrrolidino-6-methyl-7-anilinofluoran (melting point:

225°C), 3-piperidino-6-methyl-7-anilinofluoran (melting point: 226°C), 3-diethylamino-6-methyl-7-anilinofluoran (melting point: 192°C), 3-(N-ethyl-p-toluidino)-6-methyl-7-anilinofluoran (melting point: 206°C), 3-(N-ethyl-p-toluidino)-6-methyl-7-(p-toluidino)fluoran (melting point: 227°C), 3-diethylamino-7-(o-chloroanilino)fluoran (melting point: 218°C), 3-(N-cyclohexyl-N-methylamino)-6-methyl-7-anilinofluoran (melting point: 202°C), fluoran-based leuco dyes which form red color, such as 3-diethylamino-benzo[α]fluoran (melting point: 219°C), 3-diethylamino-7,8-benzofluoran (melting point: 217°C), and the like. Two or more of these specific leuco dyes can also be used in admixture.--

Please replace the paragraph beginning at page 12, line 7, with the following rewritten paragraph:

--Among these, fluoran-based leuco dyes which form black color, and especially 3-(N-ethyl-p-toluidino)-6-methyl-7-anilinofluoran (melting point: 206°C) is preferable because the resulting heat-sensitive recording material is excellent

13 in background fogging resistance, dynamic recording sensitivity and light resistance of the recorded image.--

Please replace the paragraph beginning at page 28, line 17, with the following rewritten paragraph:

13 --A composition composed of 40 parts of calcined clay (trade name: Ansilex, oil absorption 110 ml/100 g, made by Engelhard Corporation), 100 parts of a 40% dispersion of organic hollow particles having an average particle diameter of 1.0 μ m (inside diameter/outside diameter: 0.7, shell material: polystyrene), 1 part of a 40% aqueous solution of sodium salt of polyacrylic acid, 14 parts of a styrene-butadiene latex with a solids concentration of 48%, 50 parts of a 10% aqueous solution of polyvinyl alcohol (degree of saponification: 88%, degree of polymerization: 1000), and 40 parts of water was mixed and stirred to obtain an undercoat layer coating composition.--

Please replace the paragraph beginning at page 34, line 18, with the following rewritten paragraph: